

Weekly Metrics for September 15 - 21, 2002

Mission (Launch Date)	Instrument	Category	Data Center	RQMTS (GB)	Requirements *	Actual (GB)	Footnote
Aqua (5/02)	AIRS	L0 Ingest	GSFC	98	1X Baseline	91	A
		L1 Prod	GSFC	400	1X Baseline	364	A
		Archive	GSFC	498	1X Baseline	456	A
	AMSR-E	L0 Ingest	NSIDC	10	1X Baseline	2	B, S
		L1 Ingest	NSIDC	10	1X Baseline	2	B, C, S
		L2-L3 Prod	GHRC	12	0.5X Baseline	7	C, S
		Archive	NSIDC	32	Baseline	11	C, S
	CERES	Archive	LaRC	58	Baseline	Included in Terra Metrics	
		Distribution <i>Testing/QA End Users</i>	LaRC	1,421 107	IT Requirements 1X Baseline		
	MODIS	L0 Ingest	GSFC	469	1X Baseline	493	
		L1 Prod	GSFC	2,498	1X Baseline	2,421	
		L2-L4 Prod	MODAPS	801	0.5X Baseline	2,813	R
		Archive	EDC	540	Baseline	1,824	R
			GSFC	3,172	Baseline	3,781	R
			NSIDC	56	Baseline	146	R
		Distribution <i>Testing/QA SIPS Production</i>	GSFC	362	IT Requirements	457 690	
METEOR 3M (12/01)	SAGE III	Archive	LaRC	0.8	1X Baseline	0.1	
ACRIMSAT (12/99)	ACRIM 3	Archive	LaRC	0.06	1X Baseline	0	D
Terra (12/99)	ASTER	L1A Ingest	EDC	680	1X Baseline	375	E
		L1B Ingest	EDC	271	1X Baseline	18	E
		L2-L3 Prod	EDC	1,203	3X Baseline	129	E
		Archive	EDC	2,154	Baseline	547	E
		Distribution	EDC				
		<i>End Users</i>		1,352	1X Baseline	2,596	G, M, N, O, P
	CERES	Archive	LaRC	351	Baseline	867	T
		Distribution	LaRC				
		<i>Testing/QA End Users</i>		1,421 117	IT Requirements 1X Baseline	13 272	T G, M, N, O, T
	MISR	L0 Ingest	LaRC	249	1X Baseline	240	
		L1 Prod	LaRC	3,323	3X Baseline	3,377	
		L2-L3 Prod	LaRC	281	3X Baseline	131	F
		Archive	LaRC	3,853	Baseline	3,760	F
		Distribution	LaRC				
		<i>End Users</i>		1,201	1X Baseline	71	G, M, N, O
	MODIS	L0 Ingest	GSFC	469	1X Baseline	484	
		L1 Prod	GSFC	7,494	3X Baseline	6,165	H
		L2-L4 Prod	MODAPS	14,254	3X Baseline	9,312	H, Q
		Archive	EDC	8,606	Baseline (L2-L4)	2,152	H, I, Q
			GSFC	12,772	Baseline (L0-L4)	15,986	H, I, Q
			JPL	0	Baseline (L2-3)	202	
			NSIDC	839	Baseline (L2-L3)	106	H, I, Q
		Distribution	EDC				
		<i>End Users</i>		2,869	1X Baseline	955	G, M, N, O
		Distribution	GSFC				
		<i>Testing/QA SIPS Production End users</i>		362	IT Requirements	902	
		<i>End users</i>		4,101	1X Baseline	6,685	
		Distribution	JPL			1,607	

		<i>End Users</i> Distribution <i>End Users</i>	NSIDC	0 280	Baseline 1X Baseline	0.2 44	G, M, N
	MOPITT	L0 Ingest L1 Prod L2 Prod Archive Distribution <i>End Users</i>	LaRC SIPS SIPS LaRC LaRC	1.9 1.7 1.7 5.3 1	1X Baseline 3X Baseline 3X Baseline Baseline 1X Baseline	2 3 4 9 14	J J J J G, M, N, O
Landsat-7 (4/99)	ETM+	Archive Distribution	EDC EDC	1,071 58	250 Scenes ECS ICD	921 215	U
Jason-1 (12/01)	Poseidon 2	Archive (L0+) Distribution	JPL JPL	NA	NA	2 10	
QuikScat (6/99)	SeaWinds	Archive (L0+) Distribution	JPL JPL	109	Weekly Average	43 141	K
TOPEX (8/92)	Poseidon	Archive (L1+) Distribution	JPL JPL	24	Weekly Average	0 231	K
Other Missions	AVHRR	Archive (L2+) Distribution	JPL JPL	NA	NA	57 58	L

Notes:

- A. Includes data volumes for 3 instruments (AIRS, AMSU, and HSB). Total volumes are affected by safe mode operations lasted until 00:10 GMT on 9/16
- B. The actual L0 data rate from AMSR-E is 6.6 GB/week. This is lower than ESDIS baseline requirement. Updating of the baselined requirement is in process.
- C. The AMSR-E SIPS began receiving continuous data flow from NASDA on 9/3 and expects to receive continuous data for one month (through September). In mid-November, NASDA is scheduled to resume data transmission and continue to for the life of the instrument. Public release of the data products is set for May 2003.
- D. ACRIM data is not transmitted daily from ACRIM SIPS to LaRC DAAC.
- E. Volumes of ASTER L1A and L1B products are a function of production at ERSDAC in Japan. L1A and L1B volumes include the expedited data sets generated at EDC. ASTER L2 products are produced on demand, and the actual volumes may be significantly different from requirements. Total archive volume includes 3.6 GB of L0 data.
- F. Little reprocessing of L2+ products was done.
- G. Distribution requirements represent the delivered capacity for distribution. Because distribution is based on user orders, the actual distribution volumes may be significantly different from the available capacity.
- H. Little reprocessing was done except for ocean products, as planned by MODIS science team. Reprocessing of the ocean products will be continued until October 2002.
- I. Ingest/archival of MODIS L2+ products is dependent on MODAPS reprocessing schedule.
- J. L1 and L2 products archived during this reporting period are the reprocessed November/December 2000 data.
- K. Distribution requirements are weekly averages of media distribution volumes based on subscriptions for a full year. There is currently no media distribution for JASON and AVHRR SST products.
- L. Includes distribution of educational materials in addition to AVHRR SST.
- M. Does not include distribution by subscription
- N. Does not include distribution by subsetting tool
- O. Does not include distribution by data pool
- P. Orders have decreased sharply with the advent of charging for low-level ASTER data, but distribution remains up as the free data backlog is being worked off.
- Q. Values reported here represent what have been archived at DAACs. MODAPS production may be higher.
- R. Ingest/archival of MODIS L2+ products is dependent on MODAPS processing schedule.
- S. AMSR-E was in safe mode between 9/12 – 9/19.
- T. Represents a total for 3 missions (TRMM, Terra, and Aqua).
- U. Landsat 7 program changed global coverage and a lower number of scenes were captured by the satellite.

* Baseline requirements refer to the September 2000 EOSDIS technical baseline (i.e., 3 X Baseline means three times the baseline). The QA requirements for distribution are the Level 2 requirements based on inputs from instrument teams (ITs).